IN THE CLAIMS

Please **cancel** claims 7-14, 16-20, 22-25, and 30-61 without prejudice as shown in the Summary of the Claims, infra.

SUMMARY OF THE CLAIMS

Claim 1 (original). An optical recording method of recording information on an optical recording medium, comprising the steps of:

(a) recording a first test pattern in a first track on the optical recording medium under such a predetermined recording condition to form a wider recording mark than the first track;

(b) after the recording of the first test pattern, recording a second test pattern in an area, of a second track, which is adjacent to a recording area of the first test pattern under a plurality of recording conditions, the second track being adjacent to the first track;

(c) reading the first track to detect a first read-out signal according to each of the plurality of recording conditions;

(d) reading the second track to detect a second read-out signal according to each of the plurality of recording conditions;

(e) determining an optimum recording condition for the second track from the plurality of recording conditions and the first and second read-out signals; and

(f) recording information in the second track under the optimum recording condition.

Claim 2 (original). The optical recording method as defined in claim 1, wherein:

an amplitude of the first read-out signal is detected in step (c);

an amplitude of the second read-out signal is detected in step (d); and

the optimum recording condition is determined in step (e) based on the plurality of recording conditions and the amplitudes of the first and second read-out signals.

Claim 3 (original). The optical recording method as defined in claim 1, wherein:

a jitter of the first read-out signal detected in step (c);

a jitter of the second read-out signal detected in step (d); and

the optimum recording condition is determined in step (e) based on the plurality of recording conditions and the jitters of the first and second read-out signals.

Claim 4 (original). The optical recording method as defined in claim 1, wherein:

an error rate of the first read-out signal detected in step (c);

an error rate of the second read-out signal detected in step (d); and

the optimum recording condition is determined in step (e) based on the plurality of recording conditions and the error rates of the first and second read-out signals.

Claim 5 (original). The optical recording method as defined in claim 1, wherein:

if the first read-out signal does not attain a predetermined state in step (e), a second recording condition is obtained under which the second read-out signal attains a predetermined state, and a calculation is performed on the second recording condition, so as to obtain a recording condition under which a wider recording mark is formed than under the second recording condition and designate this recording condition as an optimum recording condition.

Claim 6 (original). The optical recording method as defined in claim 1, wherein:

it is evaluated in step (e) whether an amplitude of the first read-out signal has reached a predetermined threshold value;

if the amplitude of the first read-out signal has reached the threshold value, an optimum recording condition is determined based on the plurality of recording conditions and the amplitudes of the first and second read-out signals; and

if the amplitude of the first read-out signal has not reached the threshold value, a second recording condition is obtained under which an amplitude of the second read-out signal reaches a predetermined value, and a calculation is performed on the second recording condition, so as to obtain a recording condition under which a wider recording mark is formed than under the second recording condition and designate this recording condition as an optimum recording condition.

Claims 7-14 (canceled).

Claim 15 (original). An optical recording device for recording information on an optical recording medium by at least projecting a light beam thereon, comprising:

recording means for recording a first test pattern in a first track on the optical recording medium under such a predetermined recording condition to form a wider recording mark than the first track in determining a recording condition for a second track and also for recording, after the recording of the first test pattern, a second test pattern in an area, of a second track, which is adjacent to a recording area of the first test pattern under a plurality of recording conditions, the second track being adjacent to the first track;

read-out means for reading the first track to detect a first read-out signal according to each of the plurality of recording conditions and also for reading the second track to detect a second read-out signal according to each of the plurality of recording conditions; and

optimum recording condition determining means for determining an optimum recording condition for the second track from the plurality of recording conditions and the first and second read-out signals.

Claims 16-20 (canceled).

Claim 21 (original). The optical recording device as defined in claim 15, wherein:

the second test pattern recorded by the recording means is constituted by a reverse pattern of the first test pattern.

Claims 22-25 (canceled).

Claim 26 (original). The optical recording device as defined in claim 15, wherein:

the first track is formed in either one of a land or a groove; and

the second track is formed in the other.

Claim 27 (original). The optical recording device as defined in claim 15, wherein:

the read-out means detects amplitudes of the first and second read-out signals; and

the optimum recording condition determining means determines the optimum recording condition based on the plurality of recording conditions and the amplitudes of the first and second read-out signals.

Claim 28 (original). The optical recording device as defined in claim 15, wherein:

the read-out means detects jitters of the first and second read-out signals; and

the optimum recording condition determining means determines the optimum recording condition based on the plurality of recording conditions and the jitters of the first and second read-out signals.

Claim 29 (original). The optical recording device as defined in claim 15, wherein:

the read-out means detects error rates of the first and second read-out signals; and

the optimum recording condition determining means determines the optimum recording condition based on the plurality of recording conditions and the error rates of the first and second read-out signals.

Claims 30-61 (canceled).